

Program Description/Textbook or Print Instructional Material

Vendor: Delmar Learning Web Address: www.delmar.com

Title: Modern Livestock and Poultry Production

Author: Gillespie Copyright: 2004

ISBN: 1-4018-2737-3 Course/Content Area: Vocational and Career Education;
Agriculture; Agricultural Education

Intended Grade or Level: 9-12 Readability Level: 8.1 (Flesch Kincaid)

List Price: 94.95 Lowest Wholesale Price: 70.25

All materials bid as of July 1, 2003 must be offered in an alternative format for students who require reading accommodations. A description of the levels of accommodation is included on p. 8-9 of this bid packet. The Kentucky Department of Education must receive a copy of the alternative format if the material is placed on the State Multiple List.

Level of Accommodations (Level One, Two or Three) Level Three

If Level Two or Three, please provide rationale for not meeting Level One Compliance It is not financially feasible for our products to meet Level One at this time.

FEATURES

DISCLAIMER: The features of each book or program were developed by the publisher and do not reflect the opinion of the State Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

Content

- The book addresses animal genetics, breeding, nutrition, biotechnology and product promotion, based on the most up-to-date and pertinent research available.
- The book thoroughly addresses such major farm animal enterprises as beef cattle, swine, sheep, horses, poultry and dairy cattle.
- And, it covers minor animal enterprises including rabbits, bison, ratites, llamas and alpacas.
- Revised current recommendations and regulation for use of feed additives

Student Experiences

- It sets the scene for work in the field with an overview of the industry, then moves into detailed and engaging discussions of specific species.
- Added Student Learning Activity to each unit that relates to planning and conducting a supervised experience program
- Added On the Job: Employer Expectations, Good Work Habits and Good Citizenship Skills

Assessment

Modern Livestock and Poultry Production is the textbook students and instructors turn to for thorough coverage of the animal agriculture industry. For each of the many species discussed in the text, students will find essential information about the breeds, selection of breeding stock, feeding and species

management, diseases and parasites common to the species and marketing. Material is derived from the latest research and most current information about animal genetics, breeding, nutrition, biotechnology and product promotion. The text provides complete coverage of such major farm animal enterprises as beef cattle, swine, sheep, goats, horses, poultry and dairy cattle. Minor animal enterprises addressed include rabbits, bison, ratites, llamas and alpacas. Students will gain a comprehensive understanding of the livestock industry, including career opportunities.

Organization

- Student learning activities in each unit give students the chance to enhance their understanding of the material
- Objectives at the beginning of each unit indicate to the instructor and student the key competencies to be gained from each unit
- Graphs, color photos and other illustrations help students gain understanding through visual material
- Tables listing nutrient requirements for livestock and feed composition provide students the data needed for balancing rations and determining feeding practices

Resource Materials

Gratis Items To Be Provided And Under What Conditions

Instructor's Manual (1-4018-2738-1) Free 1 per teacher

ClassMaster (1-4018-2740-3) Free 1 per teacher

Available Ancillary Materials

RESEARCH DATA AND EVIDENCE OF EFFECTIVENESS

DISCLAIMER: The research data and evidence of effectiveness was provided by the publisher and does not reflect the opinion of the State Review Team, State Textbook Commission, nor the Kentucky Department of Education.

NOTE: *Please complete this section by indicating the research data and evidence of effectiveness or give a web site where the information is located. If there is no research data and evidence of effectiveness, please indicate “not available” in the space.*



Group V - Career/Technical Vocational/Practical Living Education Instructional Materials Evaluation Tool Agriculture/Production



| | | | |
|---|----------------------------------|--|--------------------------------------|
| Title: Modern Livestock and Poultry Production \$70.25 | | | |
| Publisher: Delmar | | | |
| Item Evaluated: Textbook | | | |
| Copyright Date: 2004 | | Evaluator: DJ Matherly and Pam Zeller | |
| Content Level: 9-12 | | Date of Evaluation 30 July 03 | |
| Level of Alternative Format | Level 1 – Full Compliance | Level 2 – Provisional Compliance | Level 3 – Marginal Compliance |
| This section completed by Exceptional Children Services | | | |

Overall Strengths and/or Weaknesses

Disclaimer: Comments on the strengths and/or weaknesses of each book, material or program were written by members of the State Textbook/Instructional Materials Review Team and reflect their opinions . They do not reflect the opinions of the State Textbook Commission nor the Kentucky Department of Education. In addition, the State Textbook/ Instructional Materials Review Team completed each evaluation form during the week of July 28-Aug. 1, 2003. In order to maintain the integrity of the of the review team's comments, editing was limited to spelling and punctuation.

| Recommendations: | |
|--|---|
| <input checked="checked" type="checkbox"/> | Recommended by reviewers to State Textbook Commission |
| <input type="checkbox"/> | Not recommended by reviewers to State Textbook Commission |

Publisher's Explanation of Reviewer's Comments: By action of the State Textbook Commission, publishers are provided limited space, 150 words, to respond to what they may consider factual errors made by the reviewers in the evaluation.



Group V - Career/Technical Vocational/Practical Living Education Instructional Materials Evaluation Tool Agriculture/Production



| | | |
|---|--------------------|--------------------------|
| Title: Modern Livestock and Poultry Production | | Publisher Delmar |
| Technology Management Summary Data: | 20 possible points | ____0____ points earned |
| Technology Management Comments: | | |
| Technology Presentation/Interface Summary Data: | 40 possible points | ____0____ points earned |
| Technology Presentation/Interface Comments: | | |
| Content Summary Data: | 52 possible points | ____51____ points earned |
| Content Comments: | | |
| Instruction & Management Summary Data | 52 possible points | ____41____ points earned |
| Instruction & Management Comments: | | |
| Organization & Structure Summary Data | 36 possible points | ____35____ points earned |
| Organization & Structure Comments: | | |
| Resource Material Summary Data | 40 possible points | ____24____ points earned |
| Resource Material Comments: | | |



Group V - Career /Technical & Vocational/Practical Living

Electronic Instructional Media Review Form

Stand Alone/Independent or Integrated Software for Agriculture/Production



| Equipment (circle or change fill color) | Grade Level (circle or change fill color) | Audience (circle or change fill color) | Format (circle or change fill color) | Cost _____ | |
|---|---|--|--------------------------------------|--------------------------------|----------------------|
| Windows | Primary | XX Individual | Stand Alone/Independent | _____ single copy | _____ site license |
| Macintosh | Intermediate | Small Group | Integrated | _____ network version | _____ school version |
| XX CD-ROM | Middle | Large Group | XX Supplemental | _____ lab pack of _____ copies | _____ online |
| DVD | XX High | | In lieu of basal text | | |
| Sound | | | | | |
| Other | | | | | |

If other, explain _____

| Type of Software: Check all that apply | _____ Simulation | _____ Management | _____ Interdisciplinary | _____ Problem Solving | _____ Tutorial |
|---|------------------|--------------------------|-------------------------|-----------------------|----------------------|
| _____ Exploratory | _____ Creativity | _____ Drill and Practice | _____ Critical Thinking | _____ Utility | _____ x _____ Other: |

| Rating Scale: | 3—Some of the time | 1—None of the time |
|-------------------|--------------------|--------------------|
| 4—All or the time | 2—Minimally | 0— Not applicable |

| Management | Rating |
|--|--------------|
| Allows customizing for individual learning needs. | 0 |
| Allows students to exit and resume at a later time. | 0 |
| Keeps a students performance record, where needed. | 0 |
| Allows control of various aspects of the software (e.g., turning sound off). | 0 |
| Allows for printed reports. | 0 |
| Comments: | Total |

| Presentation/Interface | Rating |
|--|---------------------|
| Presents material in an organized manner. | 4 |
| Has consistent, easy-to-use, on-screen instructions. | 4 |
| Has developmentally correct presentation format. | 4 |
| Adapts to different learning environments (learning styles/multiple intelligences, etc.) | 4 |
| Accessible for special needs students. | 2 |
| Runs smoothly, without long delays. | 4 |
| Presents easy-to-view text and graphics. | 4 |
| Presents easy-to-hear and understand sounds. | 2 |
| Avoids unnecessary screens, sounds, and graphics. | 4 |
| Provides immediate, appropriate feedback. | 0 |
| Comments: | Total 32 |

| Content—Agriculture/Production | Rating |
|--|---------------------|
| Career Focus/Employability Skills/Workplace Readiness Skills | 3 |
| Supervised Agricultural Experience (Work Based Learning) | 3 |
| Leadership Development / FFA Student Organization | 3 |
| Animal Science | 4 |
| Plant & Land Science | 4 |
| Agribusiness/Farm Management | 4 |
| Sales & Marketing/Planning, Analysis, Strategies, etc. | 4 |
| Small Power Equipment/Ag. Power & Machinery | 0 |
| Ag. Construction/Ag. Structures & Design | 4 |
| Sales & Marketing/Planning, Analysis, Strategies, etc. | 0 |
| Technology in Agriculture (Food Animal, Plant, Crop Environmental, Bio-Tech) | 4 |
| Emerging Agricultural Technologies (GIS, GPS, Tissue Culture, Cloning, etc. | 4 |
| Agriscience Principles | 4 |
| Comments: | Total 41 |

| Rating Scale: | 2—Minimally |
|--------------------|--------------------|
| 4—All or the time | 1—None of the time |
| 3—Some of the time | 0— Not applicable |

| Instruction and Assessment | Rating |
|--|---------------------|
| Identifies a Sense of Purpose | 4 |
| Builds on Student Ideals | 4 |
| Engages Students | 4 |
| Develops Production Ideas | 4 |
| Promotes Student Thinking | 4 |
| Assesses Student Progress | 4 |
| Enhances The Learning Environment | 4 |
| Reading level is appropriate for interest and ability level of intended student group; level remains consistent throughout. | 4 |
| Commonwealth Accountability Testing System (CATS) "like" Assessment is provided | 4 |
| Variety of Assessments (diagnostic, formative, summative, open response, multiple choice, individual, small group, oral, demonstrations, presentations, self and peer performance, portfolio prompts) is included. | 4 |
| Includes activities and opportunities for integration of technology. | 4 |
| Reflects researched-based practices (e.g. hands-on activities, technology, problem-solving situations) | 4 |
| Differentiation techniques and activities suggested. | 4 |
| Comments: | Total 51 |

| | | |
|---------------------------------|-----------------------------------|--------------------|
| Rating Scale: | 3 – Some potential for learning | 1 - Not present |
| 4 – High potential for learning | 2 – Little potential for learning | 0 – Not applicable |

| Organization and Structure | Rating |
|--|---------------------|
| Organization is logical and allows for spiraling of content. | 4 |
| Vocabulary and key terms are clearly defined and easily accessible within each lesson. | 3 |
| Visual illustrations (e.g. graphs, charts, models) and examples are clearly presented and content-related. | 4 |
| Illustrations and language reflect diversity (e.g. racial, ethnic, cultural, age, gender, disabilities). | 4 |
| Legible type, length of lines, spacing, and page layout and width of margins contribute to overall appearance and use. | 4 |
| Student materials seem durable and conducive to daily use. | 4 |
| Includes sufficient glossary, index and appendices. | 4 |
| Employs accurate grammar and spelling | 4 |
| Organization of material can be effectively used with Standards Based Units, Core Content and Program of Studies. | 4 |
| Comments: | Total 35 |

| Resource Materials | Rating |
|--|---------------------|
| Teacher materials coordinate easily with student materials (e.g. additional resources included at point of need, student pages shown, integration of technology indicated) | 4 |
| Activities are included that adapt to the various learning styles, intelligences, and interest/ability levels. | 4 |
| Extension activities including adaptations and accommodations for students with special needs. | 4 |
| Resources provide objectives, background information, common student errors, hints, advice for lesson implementation and real-world connections, connections with career and/technology and references (e.g. solution manuals, study guides) | 4 |
| Suggestions are made for integration of themes and /or interdisciplinary instruction. | 4 |
| Integration opportunities suggested and examples given. | 4 |
| Teacher resources are available online. | 0 |
| Online resources available – Repeat of information in text. | 0 |
| Online resources available – Practice skills only. | 0 |
| Online resources available – New application materials. | 0 |
| Comments: | Total 24 |

| Rating Scale: | |
|--------------------|--------------------|
| 4—All or the time | 2—Minimally |
| 3—Some of the time | 1—None of the time |
| | 0— Not applicable |